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Weekly update on DTL #1+ #3 ; week 51

Narrative description:

Accomplishments: The drift tube linac (DTL) Recovery and Production Plan (DOE Lehman Review Action Item) was submitted from LANL to ORNL. Water channel e-beam welds on 10 new Tank-1 drift tubes were completed; an additional 20 drift tube water channel welds (10 more drift tubes) should be completed this week. Machining of additional bodies and sleeves for the balance of the new Tank-1 drift tubes continues. Arrangements have been made with the e-beam welding contractor to work Dec. 30-31 and Jan. 2-3 to complete the Tank-1 drift water channel welds and finish the Tank-3 weld repair qualifications. Production on all major components to support the DTL 1 and DTL 3 schedule is ongoing. Six Tank-1 drift tubes that were scrapped (two contain PMQs) were shipped to Oak Ridge for alignment stability tests and magnet fiducialization practice. A decision has been made to assemble and tune tanks 1 and 3 in the tunnel to speed up the overall installation. The three tank sections of tank 3 have been assembled and are pumped down. All seals are vacuum tight.

Actions: The Recovery and Production plan needs to be finalized this week and will be sent out next week to DOE and instead of the weekly report.

Milestone description	Due Date	Number total	Number or % complete	Delta last week
DTL 3 DT's repair	Feb 28 th '03	29	0	0
DTL 3 DT's rebuilt	Feb 28 th '03	4	3	0
DTL 3 DT's new built	Feb 28 th '03	0	0	0
DTL 3 other parts	Feb 28 th '03	100 %		0
All DTL 3 parts shipped	Feb 28 th '03	100 %	? / IPS marker DTLINK51	0
DTL 3 installation	April 16 st '03	100 %	? /IPS marker DTL045	0
DTL 1 DT's repair	April 1 st '03	13	13	0
DTL 1 DT's rebuilt	April 1 st '03	46	0	0
DTL 1 DT's new built	April 1 st '03	0	0	
DTL 1 other parts	April 1 st '03	100 %	??	?
All DTL 1 parts shipped	April 1 st '03	100 %	? / IPS marker DTL055	?
DTL 1 installation	May 21 th '03	100 %	? / IPS marker DTLINK31	?

Attachment: Executive summary of the Recovery and Production plan. The complete plan will be available and sent out Dec. 31.